

UNITED STATES PATENT AND TRADEMARK OFFICE  
CERTIFICATE OF CORRECTION

PATENT NO. : 6,844,849 B1  
APPLICATION NO. : 10/617277  
DATED : January 18, 2005  
INVENTOR(S) : Barrick et al.

Page 1 of 3

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In claim 3, column 11, line 45, please delete " $g_n(\theta \phi)$ " and insert -- $g_n(\theta, \phi)$ --.

In claim 3, column 11, line 46, please delete " $\theta\Phi[w_n]$ " and insert -- $\theta, \phi, [w_n]$ --.

In claim 3, column 11, line 50, please delete " $0 < \theta < \pi$  and  $0 < \phi < 2\delta$ " and insert  
-- $0 < \theta < \pi$  and  $0 < \phi < 2\pi$ --.

In claim 4, column 11, line 61, please delete " $P(\theta, \Phi)$ " and insert -- $P(\theta, \phi)$ --.

In claim 4, column 11, line 61, please delete " $G(\theta_o, \Phi_o)$ " and insert -- $G(\theta_o, \phi_o)$ --.

In claim 4, column 11, line 64, please delete " $(\theta_o, \Phi_o)$ " and insert -- $(\theta_o, \phi_o)$ --.

In claim 5, column 11, line 66, please delete " $P(\theta, \Phi)$ " and insert -- $P(\theta, \phi)$ --.

In claim 5, column 12, line 7, please delete " $g(\theta, \Phi)$ " and insert -- $g(\theta, \phi)$ --.

In claim 5, column 12, line 8, please delete " $\theta, \Phi$ " and insert -- $\theta, \phi$ --.

In claim 6, column 12, line 15, please delete

$$N_{m,n}(\theta_o, \phi_o) = [g_m(\theta_o, \phi_o)]^T [g_n(\theta_o, \phi_o)],$$

and insert

$$N_{m,n}(\theta_o, \phi_o) = [g_m(\theta_o, \phi_o)]^T [g_n(\theta_o, \phi_o)],$$

UNITED STATES PATENT AND TRADEMARK OFFICE  
CERTIFICATE OF CORRECTION

PATENT NO. : 6,844,849 B1  
APPLICATION NO. : 10/617277  
DATED : January 18, 2005  
INVENTOR(S) : Barrick et al.

Page 2 of 3

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In claim 14, column 13, line 7, please delete

$$N_{m,n}(\theta_0, \phi_0) = [g_m(\theta_0, \phi_0)]^T [g_n(\theta_0, \phi_0)],$$

and insert

$$N_{m,n}(\theta_0, \phi_0) = [g_m(\theta_0, \phi_0)]^T [g_n(\theta_0, \phi_0)] \dots$$

In claim 14, column 13, line 9, please delete "D,n" and insert --D<sub>m,n</sub>--.

In claim 17, column 13, line 37, please delete "g<sub>n</sub>(θ, Φ)" and insert --g<sub>n</sub>(θ, φ)--.

In claim 17, column 13, line 37, please delete "θ, Φ, [W<sub>n</sub>]" and insert --θ, φ, [W<sub>n</sub>]--.

In claim 17, column 14, line 3, please delete "0 < θ < π and 0 < φ < 2π" and insert  
--0 < θ < π and 0 < φ < 2π--.

In claim 18, column 14, line 15, please delete "P(θ(Φ))" and insert --P(θ, φ)--.

In claim 18, column 14, line 15, please delete "G(θ<sub>o</sub>, Φ<sub>o</sub>)" and insert --G(θ<sub>o</sub>, φ<sub>o</sub>)--.

In claim 18, column 14, line 17, please delete "g(θ<sub>o</sub>, Φ<sub>o</sub>)" and insert --g(θ<sub>o</sub>, φ<sub>o</sub>)--.

In claim 19, column 14, line 20, please delete "P(θ,Φ)" and insert --P(θ, φ)--.

UNITED STATES PATENT AND TRADEMARK OFFICE  
CERTIFICATE OF CORRECTION

PATENT NO. : 6,844,849 B1  
APPLICATION NO. : 10/617277  
DATED : January 18, 2005  
INVENTOR(S) : Barrick et al.

Page 3 of 3

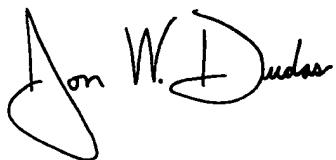
It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In claim 19, column 14, line 28, please delete " $g_n(\theta, \Phi)$ " and insert -- $g_n(\theta, \phi)$ --.

In claim 19, column 14, line 29, please delete " $\theta, \Phi$ " and insert -- $\theta, \phi$ --.

Signed and Sealed this

First Day of January, 2008



JON W. DUDAS  
*Director of the United States Patent and Trademark Office*